

| L Number | Hits | Search Text                                                                                                                                                                                                                                                                        | DB                                                      | Time stamp       |
|----------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| 1        | 2    | (branch same pipe) and (saw near cut\$4) and punch\$3                                                                                                                                                                                                                              | USPAT                                                   | 2003/07/29 05:53 |
| 2        | 4    | (branch same pipe) and (saw same cut\$4) and punch\$3                                                                                                                                                                                                                              | USPAT                                                   | 2003/07/29 05:55 |
| 3        | 7    | (branch same pipe) and (saw same cut\$4) and punch\$3                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 07:36 |
| 4        | 35   | (tube or pipe) and branch and (saw same cut\$4) and punch\$3                                                                                                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 05:58 |
| 11       | 8    | ((29/890.148).CCLS.) and saw\$3                                                                                                                                                                                                                                                    | USPAT                                                   | 2003/07/29 06:02 |
| 14       | 61   | ((29/890.052,890.043,890.054,890.053,890.03).CCLS.) and saw\$3                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 06:12 |
| 15       | 375  | 165/\$.ccls. and saw\$3 and (tube or pipe)                                                                                                                                                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 06:12 |
| 16       | 23   | 165/\$.ccls. and saw\$3 and (tube or pipe) and punch\$3                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 06:57 |
| 18       | 7    | ("3487668"   "3495486"   "4621553"   "4763503"   "5398533"   "5445002"   "5460026").PN.                                                                                                                                                                                            | USPAT                                                   | 2003/07/29 06:57 |
| 19       | 8    | 5737952.URPN.                                                                                                                                                                                                                                                                      | USPAT                                                   | 2003/07/29 06:58 |
| 21       | 11   | ("3689972"   "4945635"   "4960169"   "5052478"   "5119552"   "5209292"   "5236044"   "5243842"   "5265672"   "5297624"   "5363911").PN.                                                                                                                                            | USPAT                                                   | 2003/07/29 07:05 |
| 22       | 3    | ("4825941"   "4829780"   "4877083").PN.                                                                                                                                                                                                                                            | USPAT                                                   | 2003/07/29 07:07 |
| 23       | 26   | 4960169.URPN.                                                                                                                                                                                                                                                                      | USPAT                                                   | 2003/07/29 07:08 |
| 26       | 6    | ("4234041"   "4615385"   "4759405"   "4881594"   "4960169"   "5107926").PN.                                                                                                                                                                                                        | USPAT                                                   | 2003/07/29 07:27 |
| 28       | 9    | 5329990.URPN.                                                                                                                                                                                                                                                                      | USPAT                                                   | 2003/07/29 07:28 |
| 29       | 168  | (pipe) and (saw same cut\$4) and punch\$3                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 07:40 |
| 31       | 35   | (tube) and (saw\$3 same cut\$4) and punch\$3 and branch                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 07:42 |
| 34       | 87   | ((29/890.08).CCLS.) and cut\$4                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 07:56 |
| 35       | 81   | ((29/890.052).CCLS.) and cut\$4                                                                                                                                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 07:59 |
| 36       | 198  | (krauss and hans-joachim).inv. or (mittelstrass and hagen).inv. or (raiser and harald).inv. or (sickelmann and michael).inv. or (staffa and karl-heinz).inv. or (demulth and walter).inv. or (geiger and wolfgang).inv. or (kotsch and martin).inv. or (walter and christoph).inv. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 08:07 |

*Searched Above m7 7/29/03*

|    |   |          |                                                         |                  |
|----|---|----------|---------------------------------------------------------|------------------|
| 37 | 9 | "845647" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/29 08:08 |
|----|---|----------|---------------------------------------------------------|------------------|